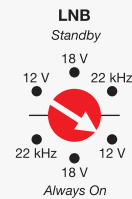


Compact Multiswitch with active terrestrial, 5 in 6, 8, 12, 16 and 24

SAT IF



LNB supply voltage



Selectable for
Quattro - & QUAD - LNB
12 V = Quattro - LNB,
22 kHz = QUAD - LNB
Standby - or
Always on - mode
for SAT - reception possible

Level adjuster terrestrial



Synchronous level adjuster



For Low- and High-Band

SMS 5606 NF, SMS 5806 NF SMS 51206 NF, SMS 51606 NF, SMS 52406 NF

For 6, 8, 12, 16 or 24 subscribers.

SAT IF:

- The SAT IF amplifiers provide high output levels.
- Synchronous level adjuster for Low- and High-Band (0... -12dB).
- The multiswitch supports standby mode. Both the SAT IF amplifier, as well as the remote power supply of the LNB is only active if at least one receiver provides a supply voltage to the multiswitch outlet.
- LNB supply voltage selectable for Quattro or QUAD LNB.

Terrestrial:

- The multiswitches have a passive return path for interactive applications (triple play) and additionally offer a CATV - compatible forward path.
- Level adjuster (0... -12 dB) for the terrestrial forward path.

Miscellaneous:

- The devices are equipped with a switched-mode power supply.

Model Art. No.		SMS 5606 NF 816000	SMS 5806 NF 816001	SMS 51206 NF 816002	SMS 51606 NF 816003	SMS 52406 NF 816004
EAN		4040326160008	4040326160015	4040326160022	4040326160039	4040326160046
Inputs SAT/terrestrial		5 4/1				
Subscriber outputs		6	8	12	16	24
Tap loss Terr. passive 5...65 MHz		16...18 dB ± 1 dB	16...18 dB ± 1 dB	19...20 dB ± 1 dB	21...22 dB ± 1 dB	24...25 dB ± 1 dB
Tap gain Terr. active 85...862 MHz		10...12 dB ± 1 dB	10...12 dB ± 1 dB	9...10 dB ± 1 dB	6...8 dB ± 1 dB	4...7 dB ± 1 dB
Tap gain SAT IF 950...2200 MHz		7...14 dB ± 1 dB	5,5...12 dB ± 1 dB	4...10 dB ± 1 dB	4...9 dB ± 1 dB	0...6 dB ± 1 dB
Output level max. 85...862 MHz 60 dB IMA ₃ /EN 60728-3		typ. 93 dBμV	typ. 93 dBμV	typ. 90 dBμV	typ. 88 dBμV	typ. 84 dBμV
Output level max. 950...2200 MHz 35 dB IMA ₃ /EN 60728-3		typ. 108 dBμV	typ. 108 dBμV	typ. 106 dBμV	typ. 105 dBμV	typ. 102 dBμV
Selection	SAT/terrestrial	typ. 45 dB				
	Terrestrial/SAT	typ. 40 dB				
Rejection	Switching isolation	typ. 35 dB				
	Receiver/receiver	typ. 36 dB/VHF, typ. 32 dB/UHF, typ. 35 dB/SAT				
Mains power supply U~		100-240 V / 47-63 Hz				
Power consumption terrestrial active/SAT active incl. LNB load with 350 mA		max. 19,5 W				
Power consumption SAT standby		max. 6 W				
LNB-total remote current		max. 350 mA				
Current consumption from each receiver		55 mA				
Ambient temperature		-20...+50 °C				
Dimensions (mm)		240 x 130 x 56	260 x 130 x 56	300 x 130 x 56	340 x 130 x 56	420 x 130 x 56

